

FORM PTO-1449
(REV. 7-80)

JUN 14 2001

JUN 12 2001

DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

740073.404C1

APPLICATION NO.

09/760,213

APPLICANTS

Magnus Malmqvist et al.

FILING DATE

January 12, 2001

GROUP ART UNIT

1743

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
810	AA	4,022,575	05/10/77	Hansen et al.	422	81	
810	AB	4,056,324	11/01/77	Gohde	356	246	
810	AC	4,997,278	03/05/91	Finlan et al.	356	128	
810	AD	5,313,264	05/17/94	Ivarsson et al.	356	73	
810	AE	5,773,298	06/30/98	Lynggaard et al.	436	52	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
810	AF	EP 286 195 A2	10/12/88	EPO		
	AG	EP 469 377 A1	02/05/92	EPO		
	AH	WO 90/05305	05/17/90	WIPO		
	AI	WO 93/24231	12/09/93	WIPO		
	AJ	WO 94/27137	11/24/94	WIPO		
	AK	WO 96/10178	04/04/96	WIPO		
	AL	WO 96/35940	11/14/96	WIPO		
810	AM	WO 97/01087	01/09/97	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

810	AN	Blankenstein and Larsen, "Modular Concept of a Laboratory on a Chip for Chemical and Biochemical Analysis," Biosensors & Bioelectronics 13(3-4):427-438, 1998.
810	AO	Blankenstein et al., "Flow Switch for Analyte Injection and Cell/particle Sorting," Analytical Methods & Instrumentations, Special Issue .mu.TAS, pp. 82-84, 1996.
810	AP	Davies and Skelton, "CRC Series in Chemistry and Physics of Surfaces and Interfaces," CRC Press, Boca Raton, 1996, Chapter 4, "Flow Cell Design Considerations For SPR Measurements," pp. 89-103.

EXAMINER

Cross, L.

DATE CONSIDERED

11/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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			YES NO

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81C	BB	de Mello, Andrew J., "CRC Series in Chemistry and Physics of Surfaces and Interfaces," CRC Press, Boca Raton, 1996, Chapter 1, "Surface Analytical Techniques for Probing Biomaterial Processes," pp. 1-41.
	BC	Duveneck et al., "Planar Waveguide Sensing Systems: A Combination of Highly Sensitive Transducers with Smart Fluidic Systems to a Tru .mu.TAS," Analytical Methods & Instrumentations, Special Issue .mu.TAS, pp. 158-162, 1996.
	BD	Ekins, "Multi-analyte immunoassay," Journal of Pharmaceutical & Biomedical Analysis 7(2):155-168, 1989.
	BE	Gooding et al., "Novel "Flow Injection" Channel Flow Cell for the Investigation of Processes at Solid/Liquid Interfaces. 2. Experiment," J. Phys. Chem. B 101:182-188, 1997.
	BF	Hlady et al., "Spatially Resolved Detection of Antibody-Antigen Reaction on Solid/Liquid Interface using Total Internal Reflection Excited Antigen Fluorescence and Charge-Coupled Device Detection," Biosensors & Bioelectronics 5:291-301, 1990.
	BG	Hlady, "Spatially Resolved Adsorption Kinetics of Immunoglobulin G onto the Wettability Gradient Surface," Applied Spectroscopy 45(2):246-252, 1991.
	BH	Larsen et al., "A Novel Design for Chemical and Biochemical Liquid Analysis System," Analytical Methods & Instrumentation, Special Issue .mu.TAS, pp. 113-115, 1996.
	BI	Larsen et al., "Microchip Based Coulter Particle Counter," Microstructure Bulletin No. 3, p. 6, November 1997.
	BJ	Microfabricated Fused Silica Flow Chambers for Flow Cytometry, http://www-mtl.mit.edu/MTL/Report94/MEMS/fused.html . [Accessed June 4, 1998].
	BK	The Zeneca/SmithKline Beecham Centre for Analytical Science, http://www.achem.ic.ac.uk/ . [Accessed June 4, 1998].
8C	BL	Weigl and Yager, "Silicon-Microfabricated Diffusion-Based Optical Chemical Sensor," at 3.sup.rd European Conference on Optical Chemical Sensors and Biosensors, Mar. 31-Apr. 3, 1996, Zurich, Switzerland, p. 236.

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Cross, LaTorge

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SC	CA	6,200,814 B1	03/13/01	Malmqvist et al.	436	52	
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CK					
	CL					
	CM					
	CN					
	CO					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CP	
	CQ	
	CR	

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